IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-9.   Canceled

10.   (Currently amended) A purified polypeptide comprising

the amino acid sequence of SEQ ID NO: 9;-or

a bioactive amino acid sequence that differs from SEQ ID NO: 9 by one or more conservative amino acid substitutions;-or

~~a bioactive amino acid sequence that differs from SEQ ID NO: 9 by a single mutation, wherein the single mutation represents a single amino acid deletion, insertion or substitution~~.

11.   (Previously Presented) The purified polypeptide of claim 10 wherein said polypeptide comprises an amino acid sequence of SEQ ID NO: 9.

12-14. Canceled

15.   (Withdrawn) A method of screening for potential human therapeutic agents, said method comprising contacting a SAMP32 polypeptide with a candidate compound; and determining if the candidate compound selectively binds to the SAMP32 polypeptide.

16.   (Withdrawn) The method of claim 15 wherein the SAMP32 polypeptide is expressed on the surface of a cell.

17.   (Withdrawn) An antibody that binds specifically to the protein of SEQ ID NO: 9.

18.   (Previously Presented) An antigenic composition comprising a bioactive polypeptide of claim 10, and a pharmaceutically acceptable carrier.

19-29   (Canceled)

30.   (Currently Amended) A composition for inducing an immune response, said composition comprising a purified polypeptide, wherein the polypeptide comprises an amino acid sequence ~~selected from the group consisting~~ of SEQ ID NO: 9 ~~or a bioactive fragment of SEQ ID NO: 9~~; and

a pharmaceutically acceptable carrier.

31.   (Previously Presented) The composition of claim 30 further comprising an adjuvant.

32.   (Currently Amended) A recombinant polypeptide comprising

the amino acid sequence of SEQ ID NO: 9~~;~~ or

a bioactive amino acid sequence that differs from SEQ ID NO: 9 by one or more conservative amino acid substitutions~~; or~~

~~a bioactive amino acid sequence that differs from SEQ ID NO: 9 by a single mutation, wherein the single mutation represents a single amino acid deletion, insertion or substitution~~.

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